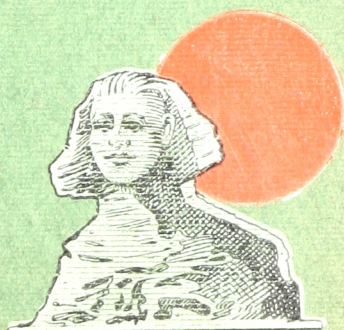


691.5

AUG 25 1948

# SHAMROCK RESULTS

.....



SPHINX-LIKE IN DURABILITY

"STERLING" QUALITY

is always obtained by incorporating  
Shamrock Brand Waterproofing  
Compound in the cement  
when perfect Water-  
proofing is  
wanted.



# McCormick Waterproof Portland Cement Co.

*Waterproofing Engineers*  
ST. LOUIS, U. S. A.



*Executive Offices and Plant, St. Louis, U. S. A.*

Agencies in all Principal Cities, United States and Canada

## McCormick Waterproof Portland Cement Co.

The necessity of protecting structural work from the ill-effects of penetrating water and dampness and the desirability of keeping all manner of buildings dry, has presented a troublesome problem to many for centuries. The increased use of cement for concrete has been greatly intensified in construction, and because of the unavoidable porosity and permeability of this material, it was necessary to produce a product to prevent this and at the same time not produce a depreciating effect on the cement or concrete.

Moisture holds the world in its power. Of all the forces it is the greatest and most destructive. Portland Cement has a wonderful affinity for moisture. This is why we waterproof cement, not the whole mass. The aggregate does not leak. Why waterproof stone, gravel and sand?

Remedies for water trouble have been of divers kinds. Various forms of powders that have a decreasing effect on the tensile strength of the cement, pastes that are highly composed of hydrated lime, and liquids composed of calcium chloride and glucose, all having a deleterious effect upon the strength of the concrete. Standard specifications require clean water. Water heavily charged with chemicals will invariably reduce the strength of the concrete. Surface applications, such as plaster coats and washes, soon crack and peel off, and have proven unreliable or forbiddingly expensive.

The use of tar and felt, the Membrane (loss of time) System, is rapidly being discontinued. The objections to this method are: First, that it is useless when punctured, which invariably happens during construction. Second, its great cost, requiring an extra wide excavation for the application. Third, its lack of permanency. The life of tar and felt is limited to a few years.



## McCormick Waterproof Portland Cement Co.

Plastering on the interior of a structure. This method leaves the walls saturated with water and is therefore wrong in principle.

Scientific tests from laboratory products over the country have proven that the only successful method is to make the whole mass of the masonry impermeable and moisture-proof by introducing with the cement a water-repelling agent that will have no deleterious effect on the cement. We have on file tests from laboratories in all sections of the United States, showing the effects of our product, which we will gladly submit when requested.

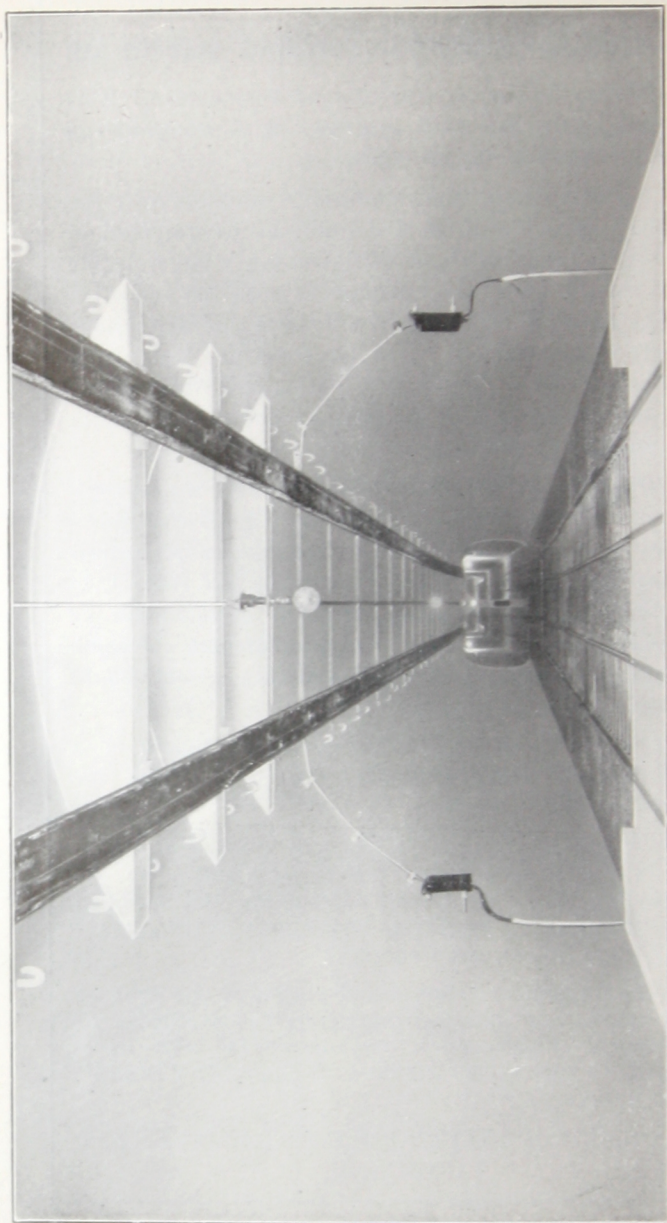
The character of the product used for waterproofing must be such that the present standard requirements of cement must not be effected. It is needless to say that any product that tends, in any respect, to prevent the cement being standard in test, will be sufficient to condemn the process employed. Organic substances likely to have an effect on the cement should not be used.

"Shamrock Brand" Waterproofing Compound is incorporated in the cement at the Cement Mill, the warehouse or on the job.

"Shamrock Brand" has been used successfully on the largest structures in the United States by the largest and most competent contractors and specified by all the leading architects and engineers throughout the United States and Canada.

We solicit your kind consideration of our product and extend our sincere thanks to the hundreds of Architects, Engineers and Contractors who have, through experience, adopted "Shamrock Brand" Waterproofing.

McCORMICK WATERPROOF PORTLAND CEMENT  
COMPANY.



**LA SALLE ST. TUNNEL, CHICAGO, ILL., UNDER THE CHICAGO RIVER.**  
M. H. McGovern Co., Contractors, Chicago, Ill. For the Chicago Railways Co., John Z. Murphy, Chief Eng.  
Blon J. Arnold, Calrman Railway Commission.  
Waterproofed throughout with Shamrock Waterproofing and pronounced by engineers of world-wide reputation to be the most perfect waterproofed tunnel.



William Artingstall, M. W. C. E. report  
on Chicago River Tunnel, reads as  
follows:

"The results of these tests showed that while some compounds were fairly effective as a waterproofing, they had a very deleterious effect on the strength of the concrete. The compound used fulfilled the requirements for waterproofing and had no ill effect on the concrete. In fact, the tests at that time and all subsequent ones, which have been very numerous, show that the resulting concrete has nearly one and one-half times the crushing strength of plain concrete of the same proportions."

The test was discontinued at this point on account of it being impossible to maintain the pressure due to the small capacity of the test pump.

Respectfully submitted,

(Signed) ROBERT W. HUNT & CO.

Pressure lbs. per sq. inch	Time Held, minutes	REMARKS
50	5	Without sign of dampness or leak
100	5	"
150	5	"
200	5	"
250	5	"
300	5	"
350	5	"
400	5	"
450	5	"
500	5	"
600	5	"
800	5	Small sweat leak at end of 5 minutes on the bottom of cube 2 inches from center.
1000	1	Several leaks in bottom of cube in center running in from one side for a length of straight line. Also one leak on side 2" from bottom of cube.

The human tide 'neath land and sea  
Safeguarded here eternally.



**SWIMMING POOL ON VINCENNES ROAD, WASHINGTON HEIGHTS,  
CHICAGO.**

Designed by Chas. W. Kallal, City Architect for Small Parks Department, City of Chicago.

W. A. Kenefick, General Contractor, 1116 Chamber of Commerce.  
Chicago, Dec. 19th, 1912.

MCCORMICK WATERPROOF PORTLAND CEMENT CO.,  
Chamber of Commerce Building,  
Chicago, Ill.

Dear Sirs:—

It is a pleasure for me to recommend McCormick (Shamrock Brand) Waterproof Compound, as used by me in the construction of the Swimming Pool built for the City of Chicago, at 104th Street and Vincennes Road. I highly recommend the ease by which I mixed the compound with the cement in one of your specially constructed mixing machines right on the job, making the cost of perfect waterproofing lower than any waterproofing on the market.

Considering that this work is above ground, shows it is indeed a remarkable compound, and with the tremendous pressure not a single leak has been found. Your waterproofing process and business methods have both given entire satisfaction and will be used by me in all structures in the future.

Wishing you much success which you are sure to have with a product like McCormick (Shamrock Brand) Waterproof Compound, I am,

CD

Yours truly,

W. A. KENEFICK.

A large number of the principal Cement Mills in the United States have found it profitable to waterproof their brand of cement by the "Shamrock Process."





**CHICAGO, BURLINGTON & QUINCY BUILDING, CHICAGO, ILL.**

**Waterproofed by the Shamrock Process.**

Size of building 175 ft. by 50 ft. Basement 13 ft. 10 in.

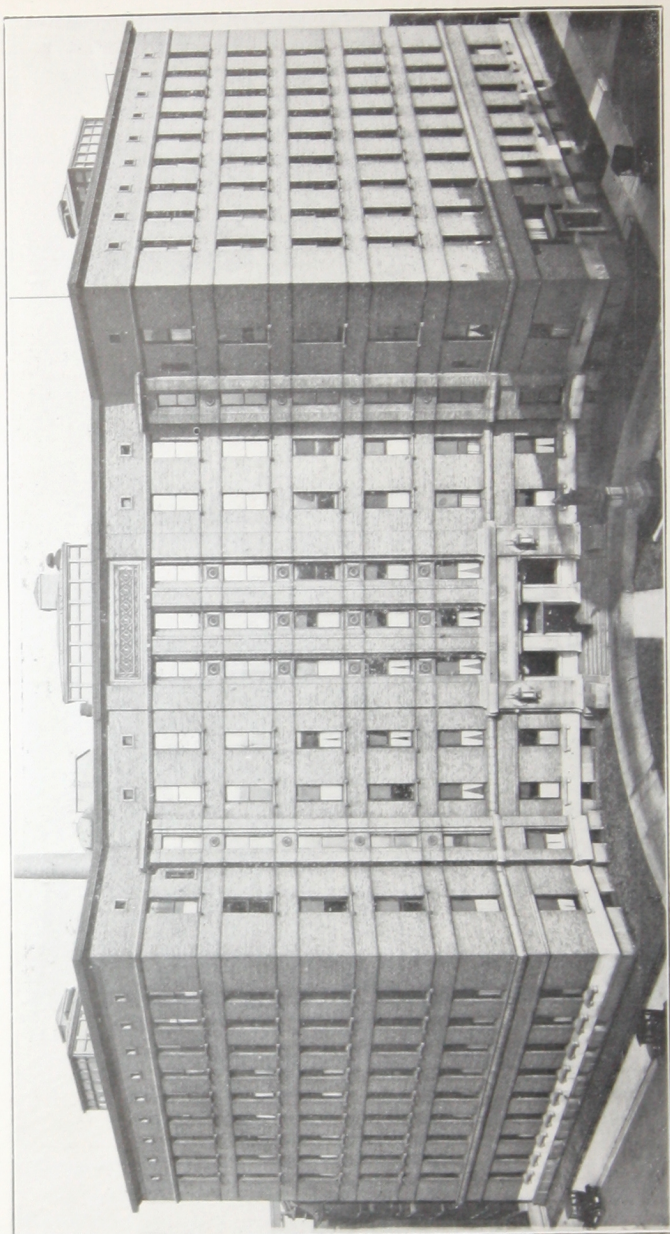
Sub-Basement 15 ft. 7 in. 2nd Sub-Basement 7 ft.

Tunnel 6 ft. 4 in.

Two thousand (2000) barrels of cement waterproofed by "Shamrock Brand" used in this structure with perfect results.

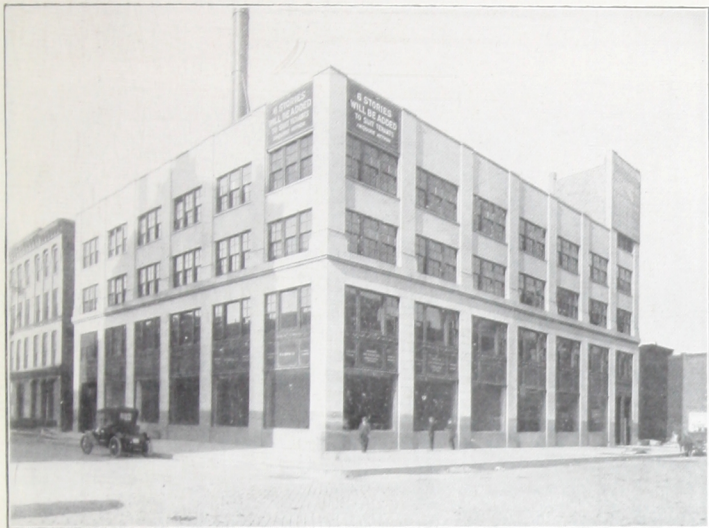
James Stewart & Company, Contractors.

Marshall & Fox, Architects, Chicago, Ill.



MICHEL REESE HOSPITAL ANNEX, CHICAGO, ILL.  
Schmitt, Garden & Martin, Architects.  
Waterproofed with "Shamrock Waterproofing Compound,"  
Melling & Co., Contractors.

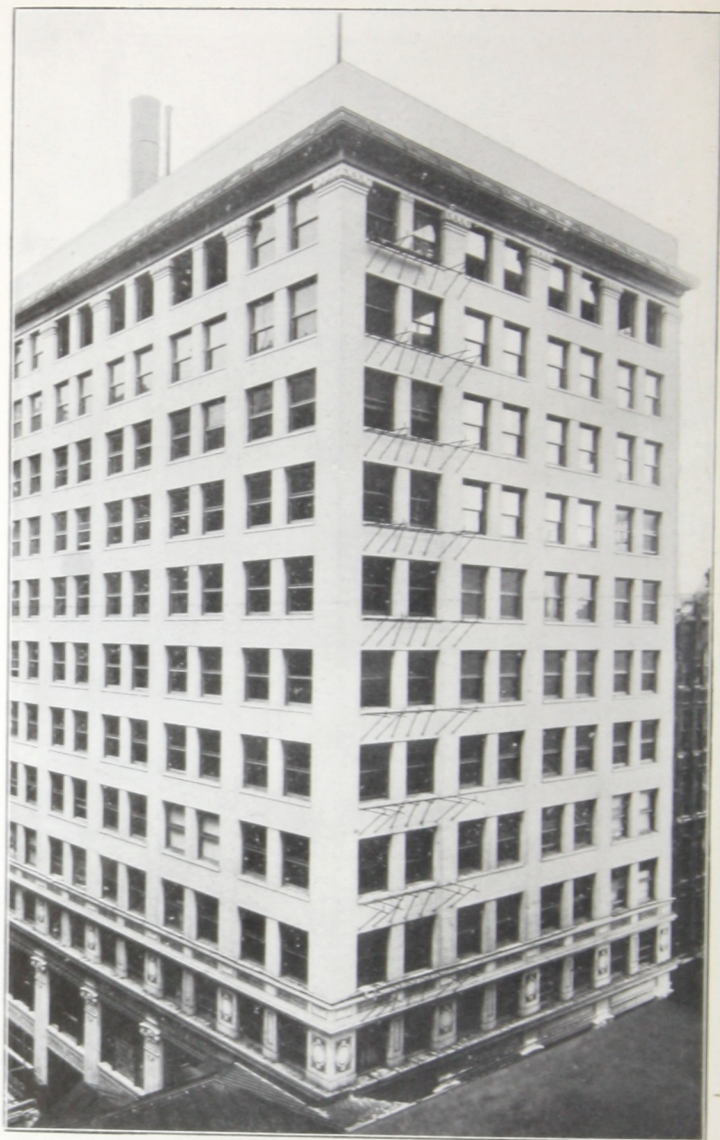




**BOYCE BUILDING, CHICAGO, ILL.**  
 Britton & Ortseifen, Contractors.  
 B. H. Lichter, Contractor, Chicago, Ill.  
 D. H. Burnham & Co., Architects, Chicago, Ill.



**GROSSFELD & ROE BUILDING, CHICAGO, ILL.**  
 S. A. Siebold, Contractor for Retaining Walls.  
 Albert Graff, Contractor for Floors.  
 Froman & Jepsen, Architects.  
**Waterproofed with Shamrock Waterproofing.**



WEBSTER BUILDING, CHICAGO, ILL.

A. S. Alschuler, Architect, Chicago, Ill.  
C. Everett Clark Co., Contractors, Chicago, Ill.

Marquette Cement Used. Waterproofed with Shamrock Waterproofing



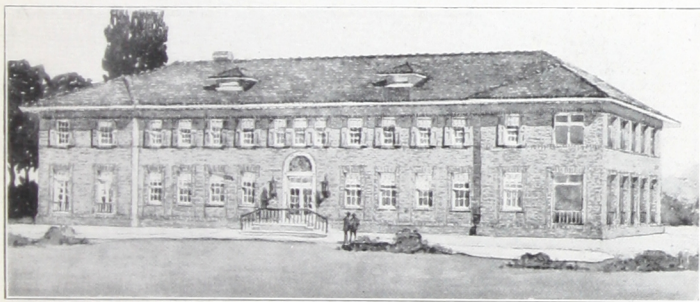


**POWER HOUSE, CHICAGO MUNICIPAL TUBERCULOSIS SANI-  
TARIUM.**

Contractor: J. C. Robinson & Son, Chicago, Ill.

Architects: W. A. Otis & Edwin H. Clark, Chicago, Ill.

**Waterproofed with "Shamrock Waterproofing Compound."**

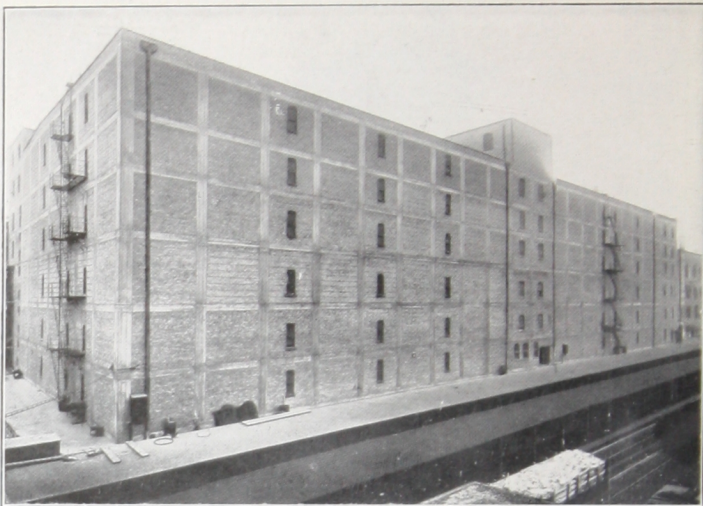


**NURSES' HOME, CHICAGO MUNICIPAL TUBERCULOSIS SANI-  
TARIUM.**

Contractor: W. G. Carter, Chicago, Ill.

Architects: W. A. Otis & Edwin H. Clark.

**Waterproofed with "Shamrock Waterproofing Compound."**



**NELSON MORRIS COLD STORAGE WAREHOUSE, CHICAGO, ILL.**

Designed by Nelson Morris Company.

Faulkenau Cons. Co., Contractors.

Waterproofed with "Shamrock Waterproofing Compound."



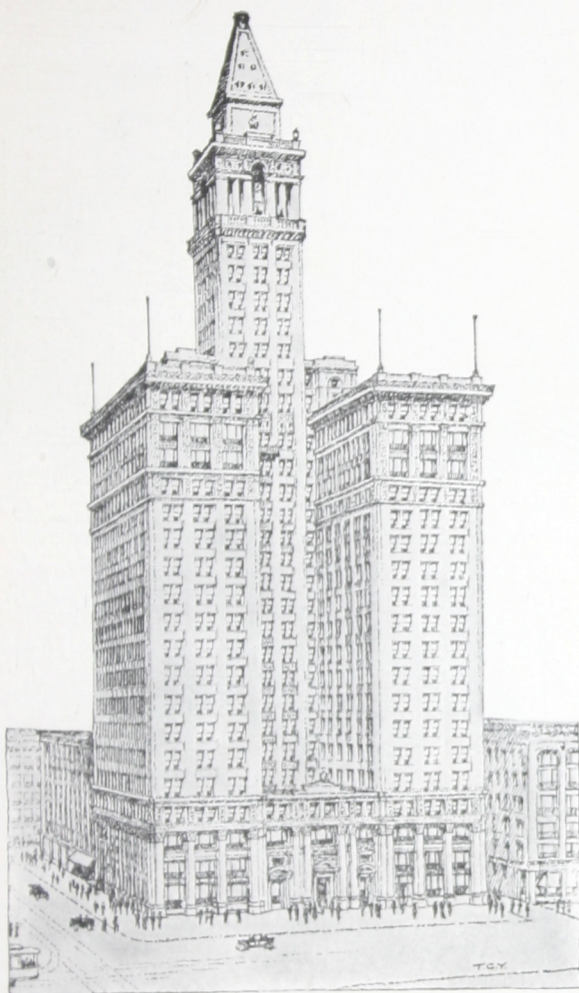
**FORD MOTOR CO. FACTORY, ST. LOUIS.**

Architect: Clymer & Drischler, St. Louis.

Contractor: St. Louis Unit Const. Co., St. Louis.

Waterproofed with "Shamrock Waterproof Compound."





**MONWARD BUILDING, ST. LOUIS, MO.**

Jas. Stewart & Co., Contractors.

Eames & Young, Architects.

Structure Waterproofed with Shamrock Waterproofing.



**ST. LOUIS CATHEDRAL, ST. LOUIS, MO.**

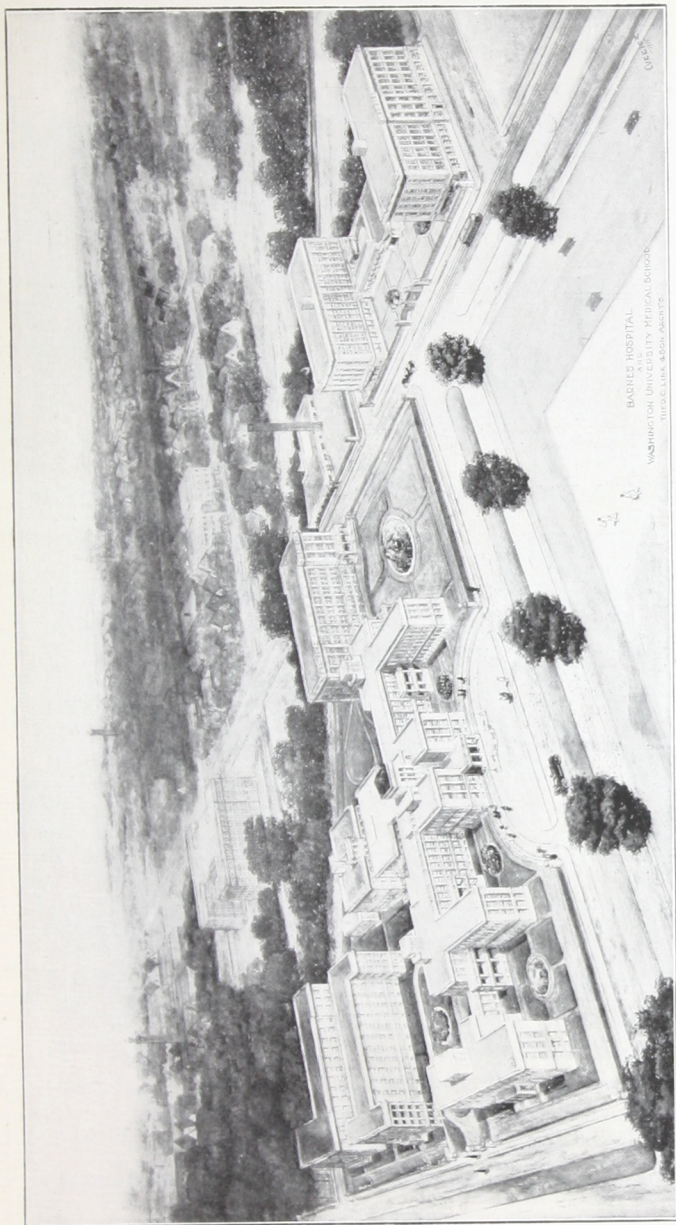
Barnett, Haynes & Barnett, Architects, St. Louis, Mo.  
 J. C. Robinson & Sons, Contractors, Chicago, Ill.  
 Waterproofed with "Shamrock Waterproofing."



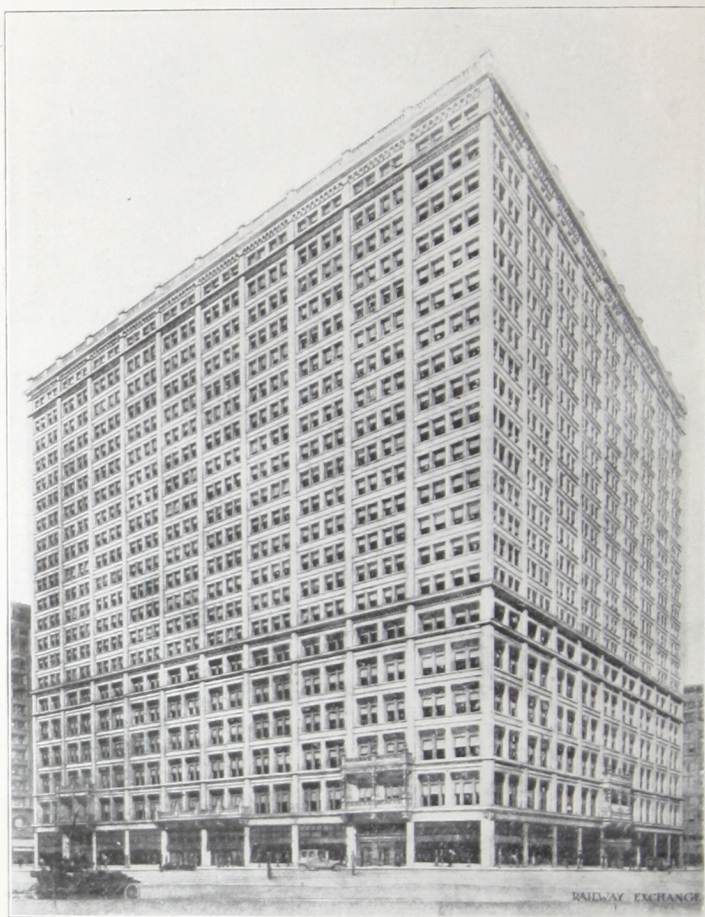
**KINGS THEATRE, ST. LOUIS.**

Architect: Duggan & Huff, St. Louis.  
 Contractor: Crawford Const. Co., St. Louis.  
 Waterproofed with "Shamrock Waterproofing."





**BARNES HOSPITAL AND WASHINGTON UNIVERSITY MEDICAL SCHOOL**  
 Contractors: Jas. Bright Contr. & Bldg. Co., St. Louis, Mo.  
 Architect: Theo. C. Link & Son, St. Louis, Mo.  
 Waterproofed with "Shamrock Waterproof Compound."



**RAILWAY EXCHANGE BUILDING, ST. LOUIS, MO.**

Westlake Cons. Co., General Contractors, St. Louis.

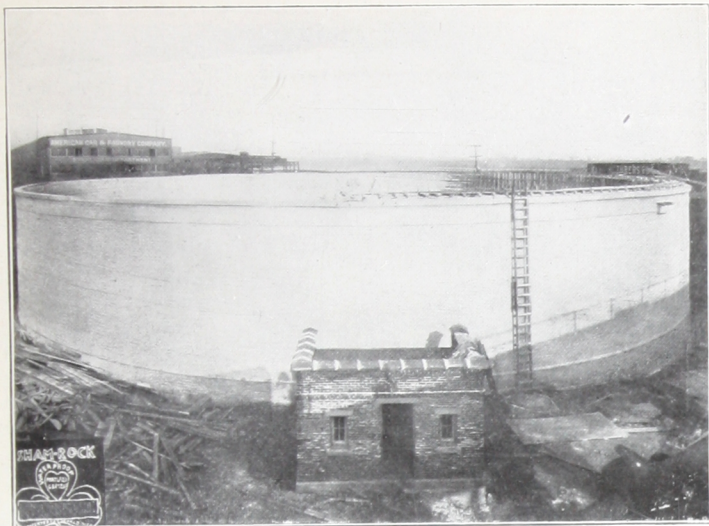
James Black Const. Co., Contractors for Power House and Tunnels.

Mauran, Russell & Crowell, Architects, St. Louis.

Wm. Levy, Architect for Power House.

**Power House and all Tunnels waterproofed with "Shamrock Water-proofing."**



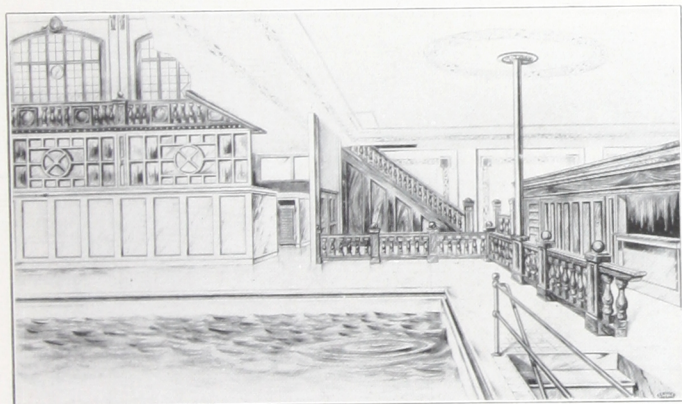


**ANHEUSER-BUSCH BREWING CO. RESERVOIR, ST. LOUIS, MO.**

Engineer: Edward Flad, St. Louis.

Contractor: Fruin & Colnon Contr. Co., St. Louis.

Waterproofed with "Shamrock Waterproofing."



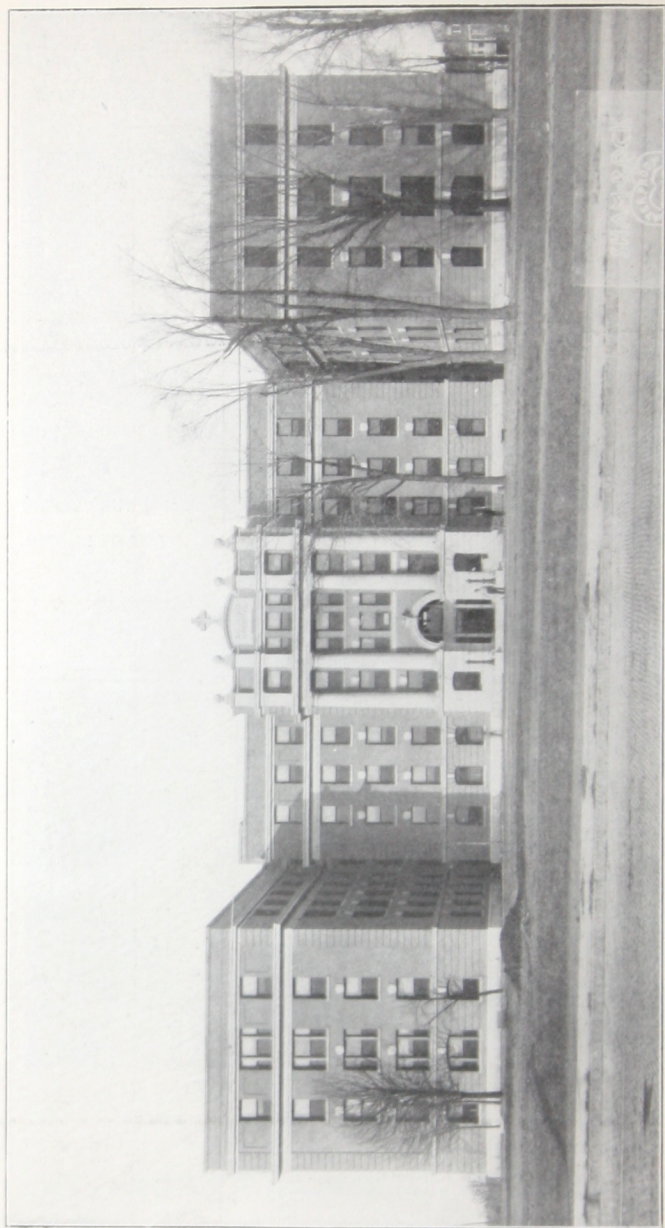
**LORELEI NATATORIUM, ST. LOUIS.**

Kennerly & Stiegemeier, Architects, St. Louis, Mo.

Wm. A. Harvey, Engineer.

Frank P. McClure, Contractor.

Waterproofed with "Shamrock Waterproofing."



ST. JOHN'S HOSPITAL, ST. LOUIS.  
Architects: Barnett, Haynes & Barnett, St. Louis.  
Contractors: Rateman Contr. & Bldg. Co., St. Louis.  
Waterproofed with "Shamrock Waterproofing."

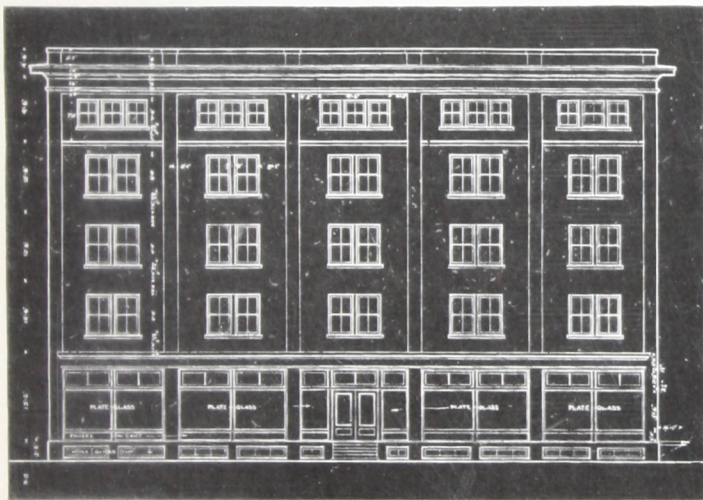




**FIRST NATIONAL BANK BUILDING, LA PORTE, IND.**

Ingwald Moe, Contractor, Gary, Ind.

Chas. F. Weatherhogg, Architect, Ft. Wayne, Ind.



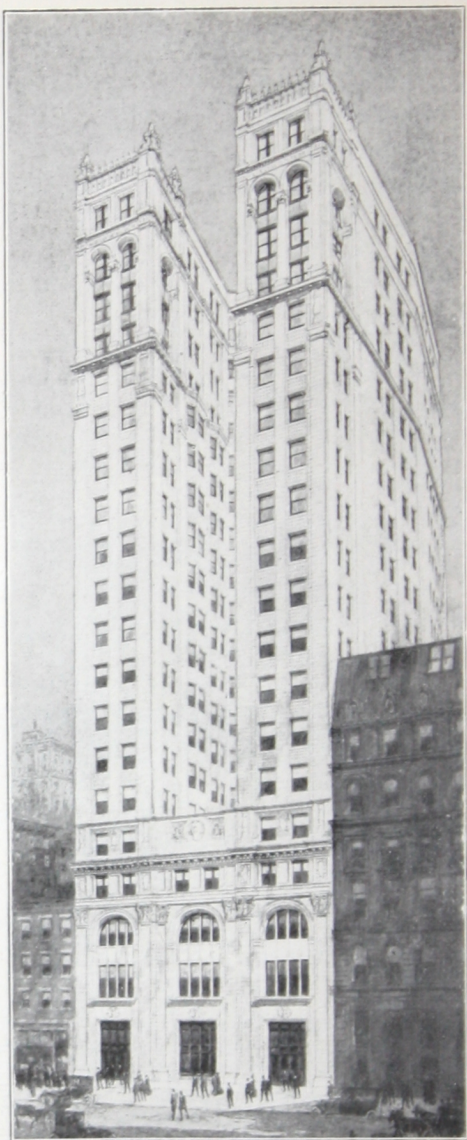
**BOARD OF EDUCATION WAREHOUSE, LOS ANGELES, CAL.**

Architect: A. H. Daum.

John Blee, Consult. Engineer.

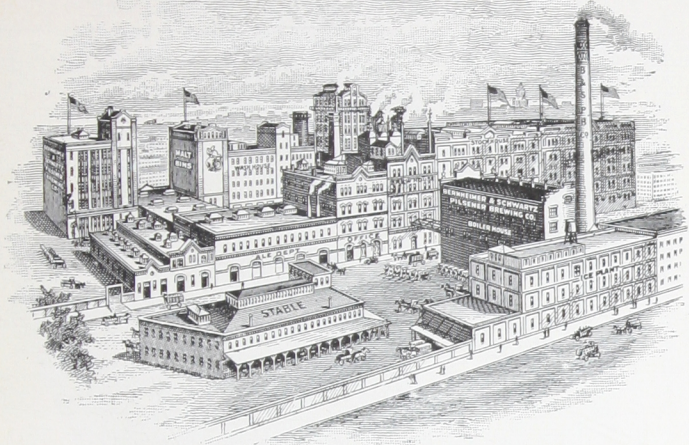
Contractors: Davison Construction Co.

Waterproofed with "Shamrock Waterproofing Compound."



**50 BROAD STREET, NEW YORK CITY.**  
Sharpe & Brady, Architects, New York City.  
The Degnon Co., Contractors.  
Holbrook, Cabot & Rollins, Contractors for Foundations.  
**Waterproofed with "Shamrock Waterproofing."**

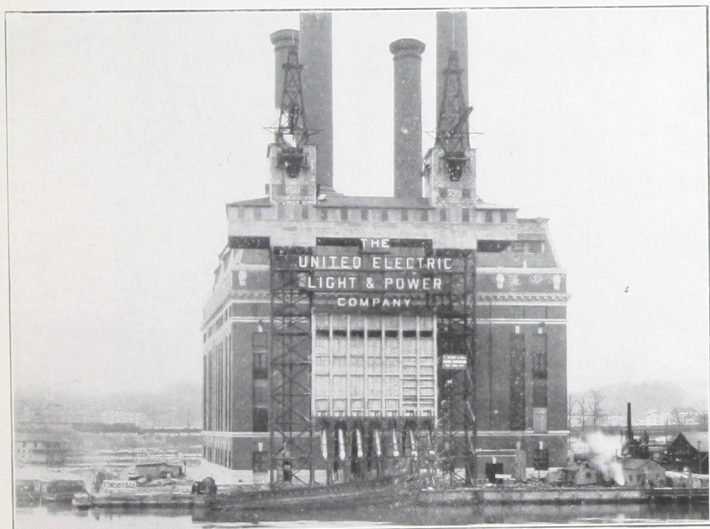




**PILSENER BREWING COMPANY, NEW YORK CITY.**

Fred Dava Rhoades, Engineer.

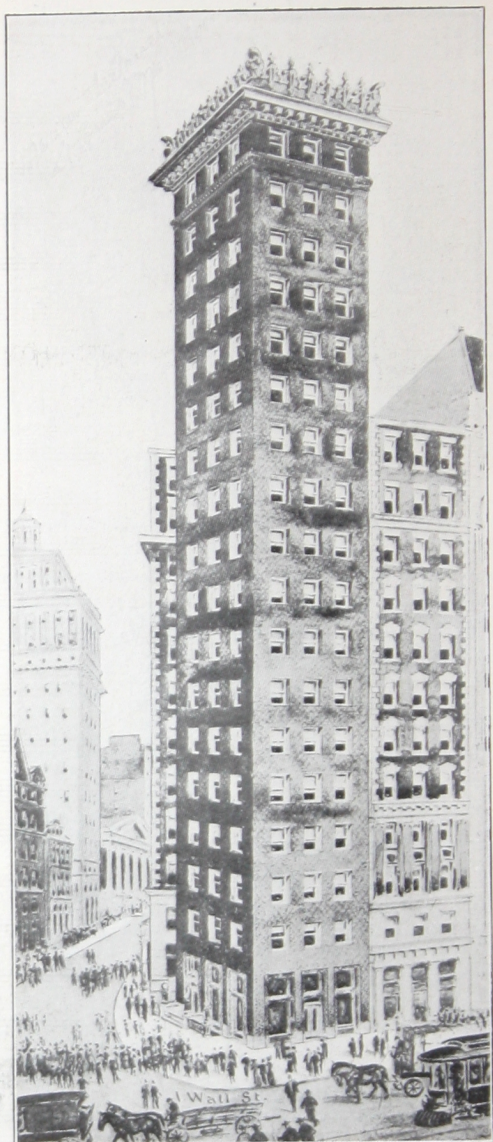
**Waterproofed with "Shamrock Waterproofing Compound."**



**POWER PLANT, 201ST STREET, THE UNITED ELECTRIC LIGHT & POWER CO., NEW YORK CITY.**

Designed by New York Edison Company. F. T. Nesbit, Contractor.

**Waterproofed with "Shamrock Waterproofing Compound."**



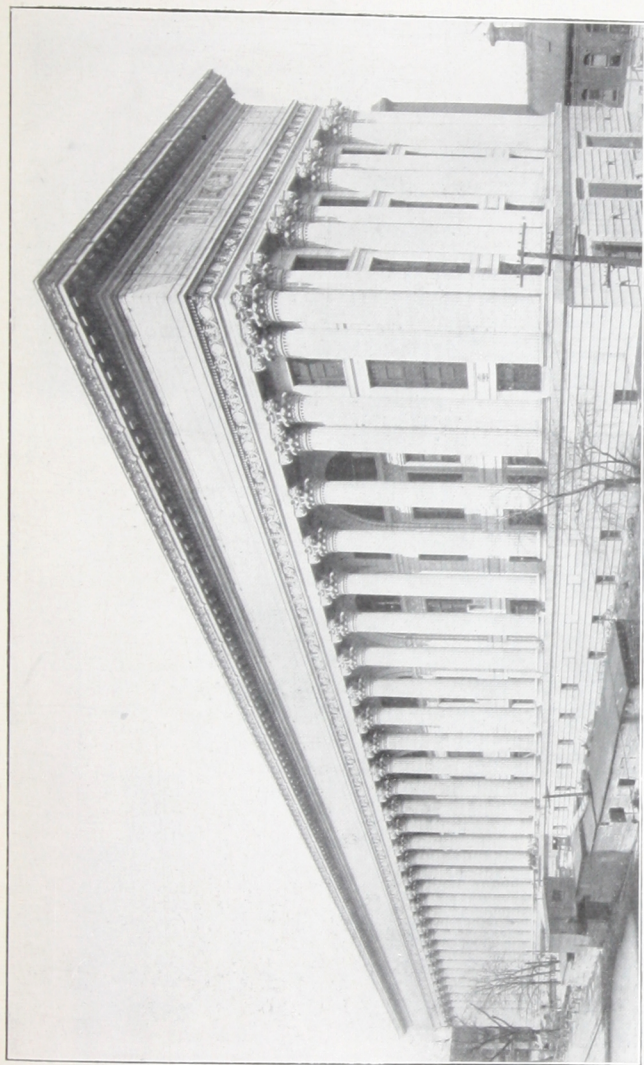
**No. 1 WALL STREET, NEW YORK CITY.**

Architects: Barnett, Haynes & Barnett, St. Louis, Mo.

Contractors: Westlake Construction Co., St. Louis, Mo.

**Waterproofed with "Shamrock Waterproofing Compound."**





STATE EDUCATIONAL BUILDING, ALBANY, N. Y.

The R. T. Ford Co., Rochester, N. Y., Contractors.

Palmer, Hornbostel & Jones, Architects, New York City

All Floors in this Structure Waterproofed with "Shamrock Waterproofing."



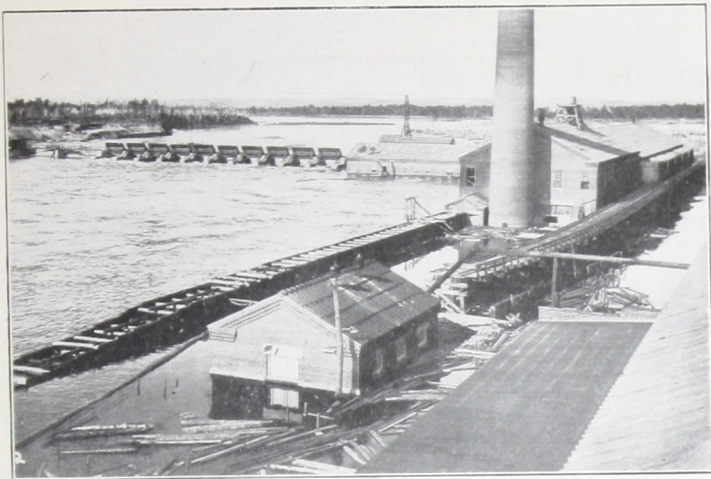
**UNION CENTRAL LIFE INSURANCE BUILDING, CINCINNATI, O.**

Cass Gilbert, Garber & Woodward, Architects, New York City.

McNulty Plastering Co., Contractors for Plastering.

"Shamrock Waterproofing" used in the Plastering of this Structure.





**MARATHON PAPER MILLS COMPANY**  
**Manufacturers of**  
**High-Grade Mitscherlich Fibres and Specialties.**

Rothschild, Wis., 1/3/1914.

McCormick Waterproof Portland Cement Co., St. Louis, Mo.

Gentlemen:—The picture we are enclosing will probably be of more interest to you than an ordinary photograph of the building. This was taken during the flood of September 2, 1912. Our idea in waterproofing this building with Shamrock Waterproofing, the location near the river, was to prevent seepage through the concrete foundation walls.

The floors in these buildings are located 16 feet below the surface of the ground, and during the rise of the river there was a head of water around these walls of a little over 20 feet, and it is very gratifying for us to state there was absolutely no leaks or seepage of any sort; in fact, paper was stored and kept in the basement at the time.

This same building stood up under the test three times during the year of 1912. The waterproofing in this particular building was put in when the building was erected.

In the Power House, which you note forms a part of the dam and projects out into the river, we used a plaster coating waterproofed with Shamrock Waterproofing, and we had very little seepage. We are confident if the waterproofing was used throughout the concrete, as we did in our other building, we would have had no seepage at all; as it was, we got along without the slightest trouble and our electrical machinery was kept perfectly dry. This building stood a head of 14 feet of water.

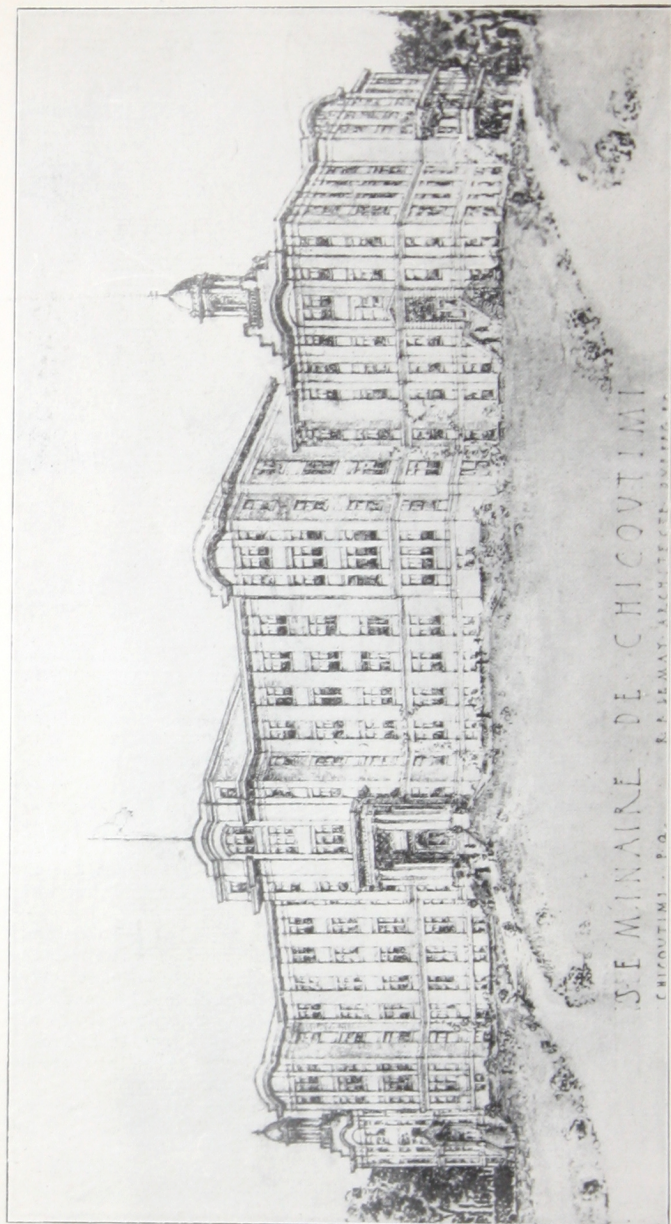
It is a pleasure for us to give you this information and recommend your product.

Yours very truly,

MARATHON PAPER MILLS COMPANY.

D. C. EVEREST, Sec'y & Mgr.

DCE-B

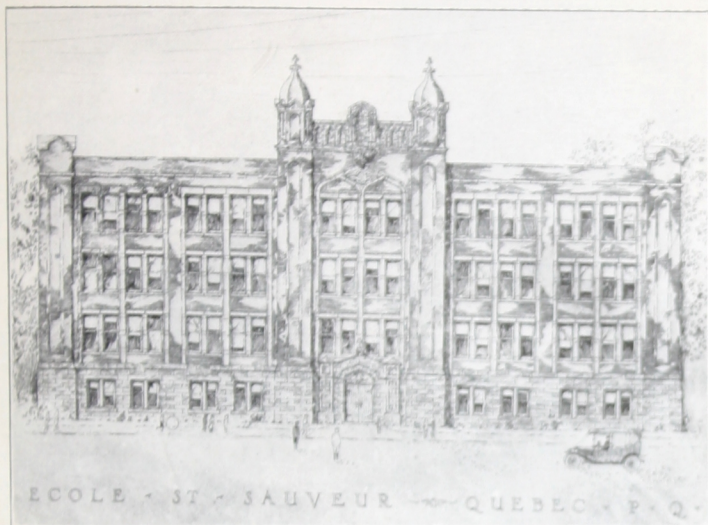


R. P. Lemay, Architect, Québec, Canada.

Waterproofed with "Shamrock Waterproofing."

C. E. Morissette, Contractor.





**SCHOOL ON MASSUE STREET, QUEBEC.**

R. P. Lemay, Architect, Quebec.

Jinchereau & Lamonde, Contractors.

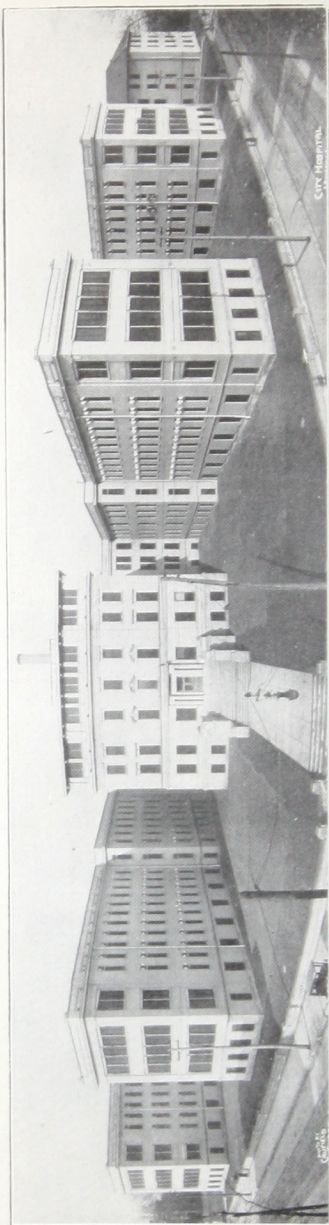
**Waterproofed with "Shamrock Waterproofing."**



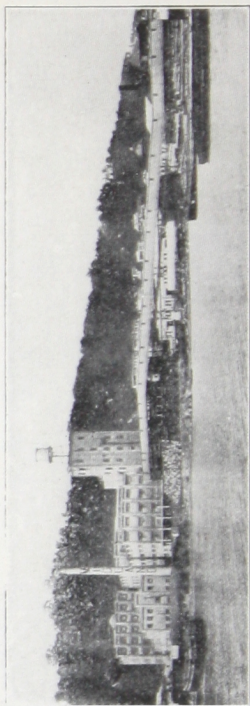
**GENERAL CAR & MACHINERY WORKS.**

Lorenzo Auger, Architect.

**Waterproofed with "Shamrock Waterproofing."**



**LOUISVILLE PUBLIC HOSPITAL, LOUISVILLE, KY.**  
 D. X. Murphy & Bro., Architect, Louisville, Ky. The A. Bentley & Sons' Co., Contractors, Toledo, Ohio.  
 Waterproofed with "Shamrock Waterproofing."



**MIDLAND LINSEED PRODUCTS COMPANY, EDGEWATER, N. J.**  
 Designed and built by James Stewart & Co.  
 Waterproofed with "Shamrock Waterproof Compound."





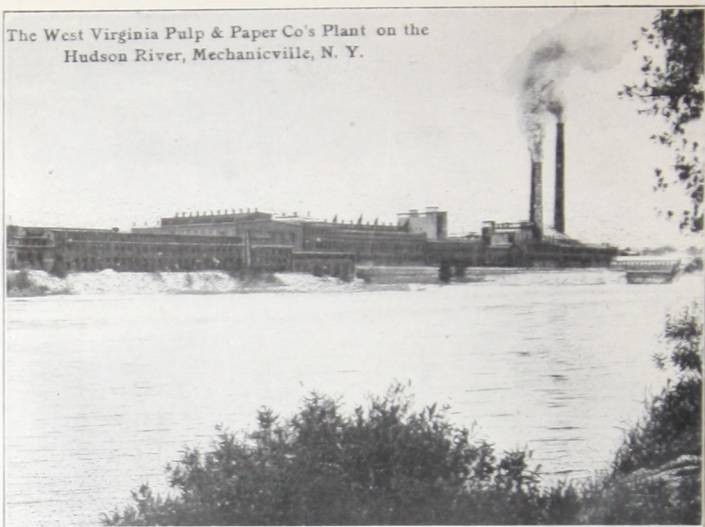
**DEMPSEY HOTEL, MACON, GA.**

Architect: W. L. Stoddard, New York.

Contractor: Grey-Wimmer Const. Co., St. Louis, Mo.

**Waterproofed with "Shamrock Waterproofing."**

The West Virginia Pulp & Paper Co's Plant on the  
Hudson River, Mechanicville, N. Y.



**WEST VIRGINIA PULP & PAPER CO'S PLANT, MECHANICVILLE,  
NEW YORK.**

Engineer: F. G. TenBroeck.

**Waterproofed with "Shamrock Waterproofing Compound."**



**FIRST NATIONAL BANK OF ROSWELL, ROSWELL, NEW MEXICO.**

Gray-Wimmer Const. Co., Contractors, St. Louis, Mo.

**Waterproofed with "Shamrock Waterproofing."**



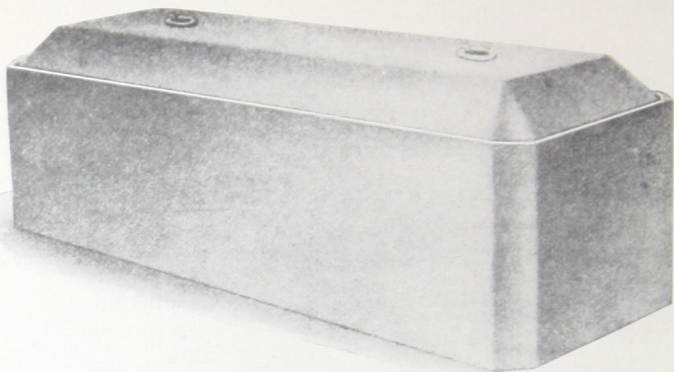


**SEVERS HOTEL, MUSKOGEE, OKLA.**

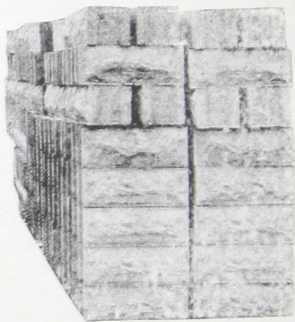
Guy C. Mariner, Architect, St. Louis, Mo.

Selden Breck Construction Co., Contractors, St. Louis, Mo.

CEMENT USED IN STUCCO WORK WATERPROOFED WITH  
"SHAMROCK" NEVER ABSORBS ANY MOISTURE OR CRACKS.



FOR CONCRETE VAULTS, CONCRETE BLOCKS AND STUCCO,  
"SHAMROCK WATERPROOFING" CAN NOT BE EQUALLED.



CONCRETE BLOCKS FACED WITH CEMENT WATERPROOFED  
WITH "SHAMROCK WATERPROOFING" NEVER SHOW ANY  
SIGNS OF MOISTURE OR DISCOLORATION.



## **HOW TO SPECIFY WATERPROOFING.**

Each barrel of Portland Cement used in the walls, floors and pits, or wherever waterproofing is required in these plans and specifications, shall contain 10½ pounds of "Shamrock Brand Waterproofing," manufactured by the McCormick Waterproof Portland Cement Company of St. Louis, Missouri, thoroughly mixed therewith before using in concrete.

## **SUPERINTENDENT'S DEPARTMENT.**

It is the aim of this Department to superintend any structure where Engineers and Architects desire to protect their buildings by having a competent man oversee the work of the Contractor where waterproofing is used.

### **GUARANTEE.**

We guarantee all work in which "SHAMROCK BRAND" Waterproofing is used.

### **QUANTITY.**

Ten and one-half pounds "SHAMROCK BRAND" Waterproofing Compound, mixed thoroughly with the dry cement to every barrel. We do not recommend the use of any smaller quantity for the reason the water pressure might be slight at the beginning of the structure and probably increase in back of the concrete to an enormous pressure, and it is advisable that the full proportion be used to assure perfect results.

### **MIXING.**

Our Mixing Machines are loaned free of charge, which furnishes a means whereby the waterproofing can be done at a lower cost than any other. Where small quantities of waterproofing are desired, mixing thoroughly with the dry cement by hand is recommended.

Shamrock Waterproofing is shipped in sacks, weighing  $52\frac{1}{2}$  pounds. Mixed  $10\frac{1}{2}$  pounds to each barrel of cement. One sack of waterproofing is sufficient to waterproof 20 sacks of cement.



No expert labor required for mixing.

Our process of mixing is patented as well as our product. No other company can mix their product by machine, such as we furnish free of charge. If they could, they would do so.

Our product mixed by hand, as other do, produces equally satisfactory results. For perfect results, we recommend thorough mixing.



*A Few of the Thousands of the Prominent, Who Have Benefited by the  
Use of Our High Grade Waterproofing Product.*

**No. 1 WALL STREET, NEW YORK CITY.**

Barnett, Haynes & Barnett, St. Louis, Mo., Architects.  
Westlake Construction Co., St. Louis, Mo., Contractors.

**No. 50 BROAD STREET, NEW YORK CITY.**

Sharpe & Brady, New York City, Architects.  
The Degnon Construction Co., New York City, Contractors.  
Holbrook, Cabot & Rollins, Contractors for Foundations.

**CHAPIN HOME, NEW YORK CITY.**

Geo. A. Fuller & Co., Contractors.

**CHICAGO, BURLINGTON & QUINCY BLDG., CHICAGO, ILL.**

Marshall & Fox, Architects.  
James Stewart & Co., Contractors.

**GRANT PARK COMFORT STATION, CHICAGO, ILL.**

D. H. Burnham & Co., Architects.  
Warner Construction Company, Chicago, Ill., Contractors.

**BOYCE BUILDING, CHICAGO, ILL.**

D. H. Burnham & Co., Architects.  
B. H. Lichter & Co., Chicago, Ill., Contractors.

**POWER HOUSE AND NURSES' HOME, CHICAGO MUNICIPAL  
TUBERCULOSIS SANITARIUM, CHICAGO, ILL.**

Messrs. Otis & Clark, Architects; J. C. Robinson & Co., Con-  
tractors, and W. G. Carter, Contractor.

**FIRST NATIONAL BANK, LA PORTE, IND.**

Chas. Weatherhogg, Ft. Wayne, Ind., Architect.  
Ingwald Moe, Gary, Ind., Contractor.

**LOUISVILLE PUBLIC HOSPITAL, LOUISVILLE, KY.**

D. X. Murphy & Bro., Louisville, Ky., Architects.  
T. A. Bentley & Sons, Toledo, O., Contractors.

**MICHAEL REESE HOSPITAL ANNEX, CHICAGO, ILL.**

Schmitt, Garden & Martin, Chicago, Ill., Architects.  
Meiling & Co., Chicago, Ill., Contractors.

**WEBSTER BUILDING, CHICAGO, ILL.**

A. S. Alschuler, Chicago, Ill., Architect.  
C. Everett Clark Company, Chicago, Ill., Contractors.

**EDUCATIONAL BUILDING, ALBANY, NEW YORK.**

Palmer, Hornbostle & Jones, New York City, Architects.  
The R. T. Ford & Co., Contractors.

**CHAMPION RIVET COMPANY, EAST CHICAGO, ILL.**

Ward & Allen Company, Contractors.  
Greise & Walker, Cleveland, O., Architects.

**MIDLAND LINSEED PRODUCTS CO., NEW YORK CITY.**

Jas. Stewart & Co., Engineers and Contractors.

**DEMPSEY HOTEL, MACON, GEORGIA.**

W. L. Stoddard, New York City, Architect.  
Gray-Wimmer Const. Co., St. Louis, Mo., Contractors.

**ST. LOUIS CATHEDRAL, ST. LOUIS, MO.**

Barnett, Haynes & Barnett, St. Louis, Mo., Architects.  
J. C. Robinson & Son, Chicago, Ill., Contractors.

**SAPULPA RESERVOIR, SAPULPA, OKLA.**

Southwestern Engineering Co., Sapulpa, Okla., Architects.

**UNION LIFE INSURANCE BUILDING, CINCINNATI, OHIO.**

Cass Gilbert, New York City, Architect.

**FIRST NATIONAL BANK OF ROSWELL, ROSWELL, N. M.**

Gray-Wimmer Const. Co., St. Louis, Mo., Contractors.

**THE WALDHEIM CEMETERY CO., FOREST PARK, ILL.**

**FORD MOTOR COMPANY, ST. LOUIS, MO.**

Clymer & Drischler, St. Louis, Mo., Architects.  
St. Louis United Const. Co., St. Louis, Mo., Contractors.

**HEARST BUILDING, CHICAGO, ILL.**

**ILLINOIS TUNNEL COMPANY, CHICAGO, ILL.**

**BELL TELEPHONE COMPANY, HANNIBAL, MO.**

**SWIFT & COMPANY.**

**ARMOUR & COMPANY.**

**NELSON-MORRIS COMPANY.**

*A Few of the Thousands of the Prominent--Continued.*

- CHILDREN'S HOSPITAL, SPRINGFIELD, ILL.  
 FLORIDA POWER COMPANY, JACKSONVILLE, FLA.  
 TOMAHAWK PAPER & PULP CO., TOMAHAWK, WIS.  
 WEST VIRGINIA PULP & PAPER CO., MECHANICVILLE, N. Y.  
 MARATHON PAPER COMPANY, ROTHSCHILD, WIS.  
 PROCTOR & GAMBLE SOAP MFG. CO., KANSAS CITY, KAN.  
 FULTON IRON WORKS, ST. LOUIS, MO.  
 RAILWAY EXCHANGE BUILDING, POWER HOUSE AND  
 TUNNELS, ST. LOUIS, MO.  
 DEPOSITORS' STATE & SAVINGS BANK, CHICAGO, ILL.  
 RESERVOIR, ANHEUSER-BUSCH BREWING COMPANY,  
 ST. LOUIS, MO.  
 UNITED ELECTRIC LIGHT & POWER COMPANY, NEW YORK  
 CITY, 187th AND 201st STREET STATION.  
 T. W. SNOW CONSTRUCTION COMPANY, CHICAGO, ILL.  
 BLODGETT CONSTRUCTION COMPANY, KANSAS CITY, MO.  
 SWIMMING POOL, THORN ESTATE, HIGHLAND PARK, ILL.  
 Otis & Clark, Architects.  
 WESTERN CARTRIDGE COMPANY, ALTON, ILL.  
 ILLINOIS GLASS COMPANY'S BUILDING, ALTON, ILL.  
 Gray-Wimmer Construction Co., St. Louis, Mo., Contractors.  
 PETROUS MANUFACTURING COMPANY, BILOXI, MISS.  
 GLENHAM EMBROIDERY COMPANY, MATTEWAN, N. J.  
 Loeb & Schoenfield, Contractors.  
 T. S. LEAK & CO., CHICAGO, ILL.  
 FREIGHT HOUSE, DAVENPORT, IOWA.  
 T. W. Hawk, Architect.  
 Geo. B. Swift & Co., Chicago, Ill., Contractors.  
 H. W. JOHNS-MANVILLE CO., NEW YORK, LOS ANGELES  
 AND CHICAGO.  
 ARGUE THEATRE, CHICAGO, ILL.  
 Moors & Dunford, Architects.  
 Anderson & Wimblad, Contractors.  
 GENERATING STATION, ALEXANDER, IDAHO.  
 Phoenix Construction Co., Contractors, New York, N. Y.  
 R. J. McClelland, Chief Eng., Electric Bond & Share Co.,  
 New York, N. Y.  
 RANKIN TRADE SCHOOL, ST. LOUIS, MO.  
 Eames & Young, St. Louis, Mo., Architects.  
 MIKADO THEATRE, ST. LOUIS, MO.  
 Duggan & Huff, Architects, St. Louis, Mo.  
 CITY BATH HOUSE, ST. LOUIS, MO.  
 Board of Public Improvements, Engineers.  
 CELL HOUSE, STATE PRISON, JEFFERSON CITY, MO.  
 H. H. Hoenschild, Architect, St. Louis, Mo.  
 SING-SING PRISON, ASSONING, N. Y.  
 SHENANDOAH THEATRE, ST. LOUIS, MO.  
 A. Duggan, Architect, St. Louis, Mo.  
 GRANITE CITY BANK, GRANITE CITY, ILL.  
 STANNARD-TILTON MILLING CO.'S BUILDING, ST. LOUIS.  
 A Bonsack, St. Louis, Mo., Architect.  
 ST. LOUIS JAIL BUILDING.  
 Board of Public Improvements, Engineers.  
 KENRICK SEMINARY, ST. LOUIS, MO.  
 Combs & Imbs, Architects, St. Louis, Mo.  
 ST. LOUIS UNIVERSITY LAW SCHOOL, ST. LOUIS, MO.  
 Helfensteller, Hirsch & Watson, Architects.  
 DREAMLAND DANCING PAVILION, ST. LOUIS, MO.  
 Widmann & Walsh, Architects, St. Louis, Mo.  
 CHRISTIAN SCIENCE CHURCH, ST. LOUIS, MO.  
 A. B. Groves, Architect.  
 B. NUGENT & BROS.' TUNNEL, ST. LOUIS, MO.  
 Barnett, Haynes & Barnett, St. Louis, Mo., Architects.  
 CENTRAL CONCRETE CONSTRUCTION CO., LOUISVILLE, KY.  
 GILSONITE CONSTRUCTION COMPANY, ST. LOUIS, MO.  
 T. H. JOHNSTON & SON, CONTRACTORS, EMPORIA, KAN.

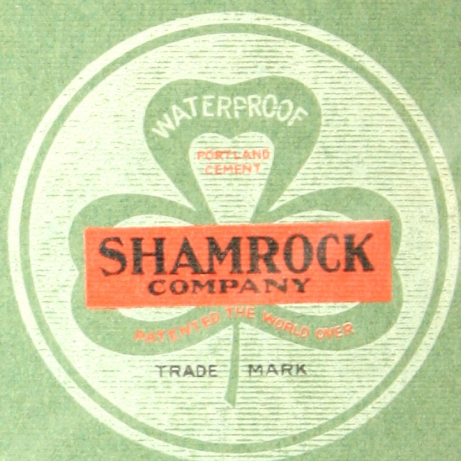


## THE DEMAND

of the day is that an organization  
shall be judged by its Product  
and not by what it  
claims for itself.

**I**F a man can write a  
better book, preach a  
better sermon, or make  
a better basket than his  
neighbor; though he  
build his house in the  
wood, the world will  
make a beaten path to  
his door.—

*Ralph Waldo Emerson.*



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